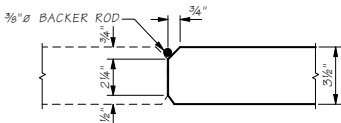


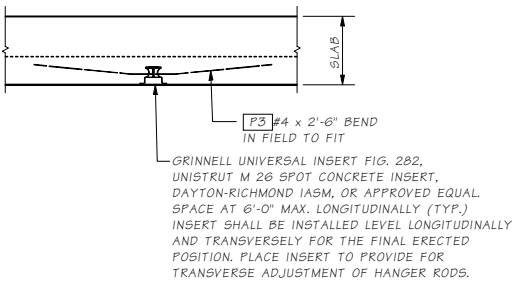
TYPICAL SECTION - PRESTRESSED PANEL



DETAIL B

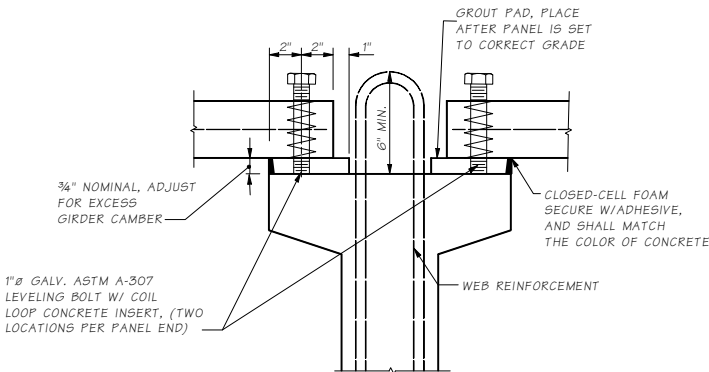
NOTES:

1. CONCRETE IN THE PRESTRESSED PRECAST DECK PANELS SHALL BE CLASS 5000.
THE CONCRETE SHALL ATTAIN A MINIMUM COMPRESSIVE STRENGTH OF 4000 PSI BEFORE RELEASING THE PRETENSIONING STRANDS.
2. THE PRETENSION STRANDS SHALL BE 7 WIRE 3/8"Ø (A_s = 0.085 IN²) LOW RELAXATION STRANDS (AASHTO M203 GRADE 270)
THE JACKING FORCE SHALL BE 17.4 KIP PER STRAND.
3. GROUT BED FOR PRESTRESSED PRECAST DECK PANELS SHALL CONFORM TO THE SPECIAL PROVISIONS.
4. LOOSEN THE LEVELING BOLT BY TWO TURN AFTER THE GROUT HAS REACHED THE DESIGN STRENGTH PER STANDARD SPECIFICATION.
5. FOR SKEW END PANELS, ADJUST THE LEVELING BOLT LOCATIONS LONGITUDINALLY ALONG THE C OF GIRDER, SUCH THAT EACH PANEL WILL HAVE 4 BOLTS AFTER THE SAWCUT.

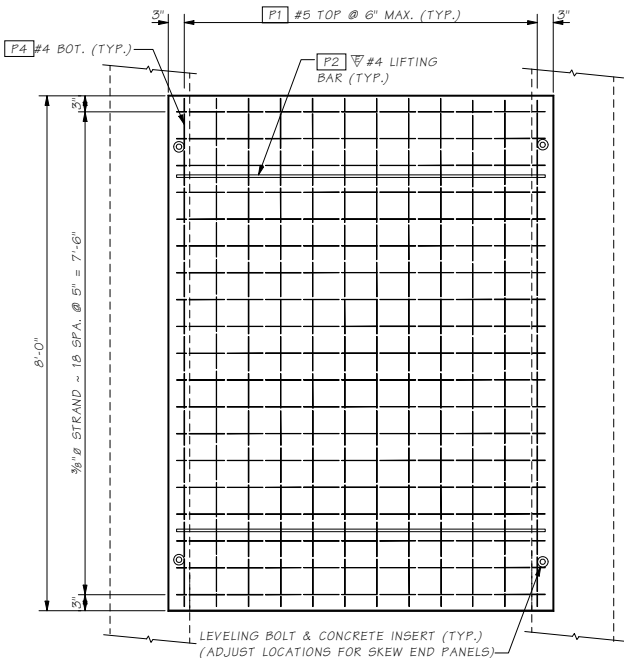


DETAIL A

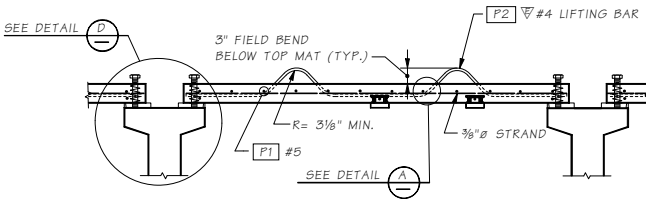
NOTE:
THE FIRST INSERT SHALL BE PLACED WITHIN 2'-0" OF THE END DIAPHRAGMS.
FOR INSERT LOCATIONS, SEE "UTILITIES HANGER DETAILS" SHEET.



DETAIL D



PLAN VIEW ~ PRESTRESSED PANEL



ELEVATION ~ PRESTRESSED PANEL

(DIMENSIONS SHOWN NORMAL TO C OF TUB GIRDER)

BAR LIST

MARK #	BAR SIZE	BEND TYPE
P1	5	STRAIGHT
*P2	4	AS SHOWN
P3	4	AS SHOWN
P4	4	STRAIGHT

* VARIES

▽ = EPOXY COATED
ALL REINFORCEMENT SHALL BE AASHTO M31, GR. 60.

Bridge Design Engr.	M:\STANDARD5\Girders\Trapezoidal Tube\SIP PS DECK PANEL DETAILS.MAN	REVISION	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
Supervisor			10	WASH.		
Designed By						
Checked By						
Detaild By						
Bridge Projects Engr.						
Prelim. Plan By						
Architect/Specialist						
DATE	REVISION	BY	APPD			

BRIDGE
AND
STRUCTURES
OFFICE



STANDARD
PRESTRESSED CONCRETE GIRDERS

PRECAST PRESTRESSED STAY-IN-PLACE
DECK PANEL DETAILS

BRIDGE
SHEET
NO.
SHEET
OF
SHEETS